

## Ordering Information

Type	Style	No. of Lamps	Length	Ballast Type	Lamp Type	Voltage Type
<b>M</b> M = Multi-Lyte system	<b>E</b> F = Lighting Fixture for individual mounting M = Lighting module for channel attachment	<b>2</b>	<b>2</b> = 2-foot nominal <b>4</b> = 4-foot nominal	<b>E</b> = Electronic	<b>1</b> = 2-foot 40W HPTT <b>2</b> = 2-foot 50W HPTT <b>3</b> = 2-foot 55W HPTT	<b>1</b> = 120v <b>2</b> = 277v

## Specifications

- Housing:** 20 gauge die-formed steel. Finish is white baked enamel.
- End Plate:** Die-formed 20 gauge steel spot-welded to the housing. Finished to match housing.
- Reflector:** Die-formed Specular aluminum.
- Lamps:** 40, 50, or 55 watt high power twin tube fluorescent. All lamps provided by others.
- Ballast:** Pre-heat Rapid Start with a ballast factor .87. All ballasts have a Total Harmonic distortion (THD) <10% and are available in 120 or 277 volt. Factory installed ballast disconnect allows the ballast to be disconnected from and reconnected to incoming power under load without turning the entire circuit off.
- Suspension:** (not shown) The Multi-Lyte Channel and the Fixture are suspended from the ceiling by stem or aircraft cable. The stem set is finished to match the housing and contains a 1/2" (1.27cm) diameter steel stem which can be cut to length at the job and a 4-1/2" (11.43cm) diameter canopy. Attached to the stem at the ceiling end is a self-aligning swivel that provides adjustment up to 38°. The cable set contains a 1/16" (0.16cm) diameter stainless steel aircraft cable and a 1-1/2" (3.81cm) diameter or 4-1/2" (11.43cm) diameter canopy. The cable is adjustable from 6" (15.24cm) to 36" (91.44cm) with a Grip-Lock cable adjustment. Fixtures are mounted directly to the ceiling with independent stems or aircraft cables and cord.
- Module Mounting:** Modules are mounted to the Multi-Lyte Channel by means of a captive slide and energized by insulation-displacement fittings to the channels through wiring system.
- Fixture Mounting:** (not shown) The individual Fixture mounting points are located on 16" (40.64cm) and 30" (76.20cm) center. Refer to the back for more information.

## Performance

### F40BXHPTT

Efficiency: 72.3%

Distribution: 0% Direct 100% Indirect

## Labels

UL, cUL and IBEW.

## Warranty

Multi-Lyte Complete system is covered by Lightolier three-year limited warranty. For a copy, ask your representative. Other electronic ballast is covered by ballast manufacturer's limited warranty.

## Job Information

## Type:

**Job Name:**

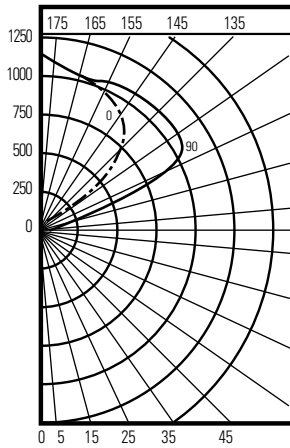
**Cat. No.:**

**Lamp(s):**

**Notes:**

## Performance for 2-TL528W Linear

Report Number: LRL697-2C Lamps: 2-F40BX Lumens: 3150 IES Spacing Criterion: 5 -Max S/MH: PARA: 5, PERP: 5 BF= 1.0



% Effective Ceiling Cavity Reflectance																	
90			70			50			30			10			0		
% Wall Reflectance																	
50 30 10			50 30 10			50 30 10			50 30 10			50 30 10			0		
79 79 79			59 59 59			40 40 40			23 23 23			7 7 7			0		
69 65 63			51 49 47			35 34 33			20 20 19			6 6 6			0		
60 55 51			45 41 39			31 29 27			18 17 16			6 5 5			0		
53 47 42			39 35 32			27 25 23			16 14 13			5 5 4			0		
46 40 35			35 30 27			24 21 19			14 12 11			4 4 4			0		
41 34 30			31 26 23			21 18 16			12 11 10			4 3 3			0		
32 26 22			24 20 19			17 14 12			10 8 7			3 3 2			0		
29 23 19			22 18 15			15 12 10			9 7 6			3 2 2			0		
26 20 16			20 16 13			14 11 9			8 6 5			3 2 2			0		
24 18 15			18 14 11			12 10 8			7 6 5			2 2 2			0		

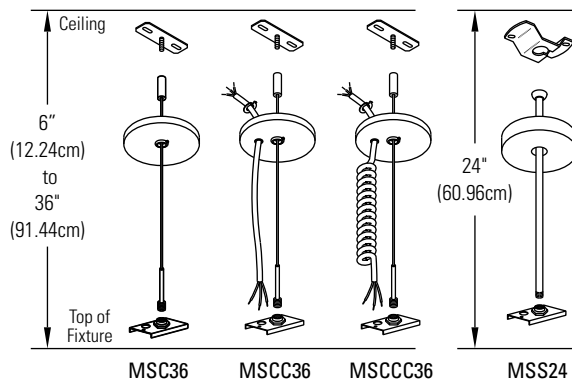
Candle Power Summary						
Zone	0	22	45	67	90	
Deg	Candelas					
180	1175	1175	1175	1175	1175	1175
175	1177	1179	1182	1201	1200	1200
165	1153	1205	1207	1199	1179	1179
155	1075	1119	1115	1217	1256	1256
145	948	995	1154	1294	1325	1325
135	767	853	1076	1239	1262	1262
125	558	723	917	1018	1002	1002
115	365	575	712	803	835	835
105	177	352	458	524	524	524
95	39	11	120	80	82	82
90	0	0	0	0	0	0
85	0	0	0	0	0	0
75	0	0	0	0	0	0
65	0	0	0	0	0	0
55	0	0	0	0	0	0
45	0	0	0	0	0	0
35	0	0	0	0	0	0
25	0	0	0	0	0	0
15	0	0	0	0	0	0
5	0	0	0	0	0	0
0	0	0	0	0	0	0

Zonal Lumens and Percentages			
Zone	Lumens	% Barelamps	% Luminaires
0-90	0	47.0	77.9
90-180	4553	72.3	100.0
0-180	4553	72.3	100.0

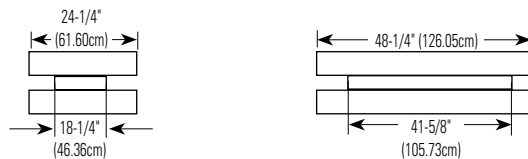
Footcandles			
Channel Spacing O.C.	Luminaire Spacing O.C.	Luminaire Suspension	
		18"	24"
	5'	120	118
6'	6'	80	79
	8'	60	59
8'	4'	90	89
	6'	60	59
	8'	45	44
10'	5'	63	62
	6'	52	51
	8'	39	38

Footcandles are average, initial, include a ballast factor of 0.87 and are at a work plane height of 30" above the floor. The luminaires are suspended 8' above the floor in a 50' x 70' room (ceiling height is 8' plus luminaire suspension.) Room reflectances are: 80% ceiling, 50% walls and 20% floor.

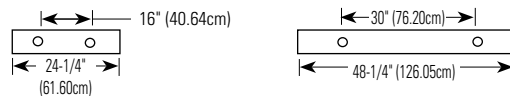
## Suspension Mounting Detail



## Module Dimensions Detail



## Fixture Mounting Detail



## Job Information

## Type:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710  
We reserve the right to change details of design, materials and finish.  
www.lightolier.com © 2008 Philips Group • C1008